

AMENDMENTS TO THE CLAIMS:

Please replace the claims with the claims provided in the listing below wherein status, amendments, additions and cancellations are indicated.

1. - 15. (Cancelled)

16. (New) An automatic traffic system, comprising:

individual vehicles, each including an independent driving system, a driver operable steering control and at least one energy take-off and guiding device;

a transmission route including a solid substrate forming bearing surfaces for respectively accommodating wheels of the individual vehicles, said solid substrate including roadway elements which are separately positionable, said transmission route having access points therealong, including entrances and exits via which the individual vehicles can access the transmission route;

an energy supplying and guiding system which is disposed between or adjacent to the bearing surfaces for at least providing driving energy, and which can be traversed above by any of the individual vehicles at least in a region of each of the entrances and exits; and

said energy take-off and guiding device being movable into operable connection with the energy supplying and guiding system while accessing the

transmission route, and out of the operable range of the energy supplying and guiding system when exited from the transmission route.

17. (New) An automatic traffic system according to claim 16, wherein the energy supplying and guiding system is disposed on the transmission route and protrudes an insignificant amount above a rolling plane of the vehicle wheels.

18. (New) An automatic traffic system according to claim 16, wherein the bearing surfaces include a concave cross-sectional shape on a surface portion in which the vehicle wheels are guided.

19. (New) An automatic traffic system according to claim 18, wherein the bearing surfaces include raised beads in edge regions thereof present over segments of the transmission route excluding said exits and entrances and any branches and crossings permitting traversal by others.

20. (New) An automatic traffic system according to claim 19, wherein outer ones of the raised beads are higher than inner ones of said raised beads.

21. (New) An automatic traffic system according to claim 19, wherein inner surfaces of the raised beads adjoining an outside of the vehicle wheels are provided with a sound-absorbing covering.

22. (New) An automatic traffic system according to claim 16, wherein an underside of at least one of the individual vehicles is provided with a sound-absorbing covering.

23. (New) An automatic traffic system according to claim 22, wherein said underside includes at least one wheel well.

24. (New) An automatic traffic system according to claim 18, wherein an underside of at least one of the individual vehicles is provided with a sound-absorbing covering.

25. (New) An automatic traffic system according to claim 24, wherein said underside includes a wheel well.

26. (New) An automatic traffic system according to claim 16, wherein the bearing surfaces are provided with a wear resistant covering.

27. (New) An automatic traffic system according to claim 26, wherein said wear resistant covering is exchangeable.

28. (New) An automatic traffic system according to claim 16, further comprising cross ties resting on supports, said transmission route being mounted on said cross ties.

29. (New) An automatic traffic system according to claim 1, wherein control signals for the individual vehicles are transmittable over the energy supplying and guiding system.

30. (New) An automatic traffic system according to claim 16, wherein communication and information signals are transmittable over the energy supplying and guiding system.

31. (New) An automatic traffic system according to claim 16, wherein the individual vehicles travel in convoys closely behind one another while traveling in the transmission route.

32. (New) An automatic traffic system according to claim 16, further comprising a system for controlling a particular interval between the individual vehicles while traveling in the transmission route.

33. (New) An automatic traffic system according to claim 31, further comprising goods containers which are disposable between two of said individual vehicles to form a goods-transporting convoy.

34. (New) An automatic traffic system according to claim 32, further comprising goods containers which are disposable between two of said individual vehicles to form a goods-transporting convoy.